

AMENDMENTS

In the claims:

1. – 135. (Cancelled)

136. (Currently Amended) A hybrid polymer comprising: (1) a macroporous polymer substrate ~~polymer~~ with a surface modified to facilitate co-continuity of functional groups to an external environment; and (2) one or a plurality of grafted polymers grafted in pellicular formation on to the surface of said substrate, said one or a plurality of polymers having a combined thickness of less than 50 microns in pellicular formation, and functional groups which are co-continuous to an external environment; wherein at least one grafted polymer in the hybrid polymer maintains the said functional groups are capable of remaining co-continuous character of the functional groups to an with one or more different external environments.

137. (Previously Presented) The hybrid polymer of Claim 136 wherein at least one grafted polymer has a thickness of less than 10 microns.

138. (Previously Presented) The hybrid polymer of Claim 136 wherein at least one grafted polymer has a thickness of less than 5 microns.

139. (Previously Presented) The hybrid polymer of Claim 136 wherein at least one grafted polymer has a thickness of less than 2 microns.

140. (Currently Amended) The hybrid polymer of any one of Claims 136 to 139 wherein at least one grafted polymer ~~is~~ contains the functional groups or is modified to provide the functional groups.

141. (Currently Amended) The hybrid polymer of any one of Claims 137 to 139 wherein the at least one grafted polymer ~~contains~~ is the penultimate graft in the pellicular formation.

142. (Previously Presented) The hybrid polymer of any one of Claims 136 to 139, wherein the substrate polymer comprises a polyolefin, a fluoropolymer or a blend of polymers or co-polymers.